

**Claims**

1. A pharmaceutical formulation in the form of a dry powder which comprises amoxycillin and clavulanate in a weight ratio of from 2:1 to about 16:1 and a pharmaceutically acceptable carrier or excipient and and flavouring agents which provide a strawberry flavour which is modified by the addition of extra components to add a creamy flavour or an extra fruity flavour.
- 5 2. A formulation as claimed in claim 1 in which the extra fruity note is provided by a peach or a passion fruit flavour or a mixture thereof.
- 10 3. A formulation as claimed in claim 1 in which the creamy note is provided by a blend of vanillin, maltol (ethyl maltol),  $\delta$ -dodecalactone, furonol (4-hydroxy-2,5-dimethyl-2,3-dihydrofuran-3-one) and diacetyl.
- 15 4. A formulation as claimed in any one of claims 1 to 3 in which the flavours are a mixture natural flavouring substances, artificial flavouring substances and Nature-identical flavouring substances.
- 20 5. A formulation as claimed in any one of claims 1 to 4 in which the major components of the flavours are furonol, maltol, ethyl vanillin, ethyl butyrate, *cis*-3-hexenol,  $\delta$ -dodecalactone, furanone, propylene glycol, 4-(p-hydroxyphenyl)-2-butanone, gum arabic, ethyl acetate and diacetyl.
- 25 6. A formulation as claimed in claim 5 which has a matching flavour.
7. A formulation as claimed in any one of claims 1 to 6 in which the flavour is provided as a dry powder with the flavour encapsulated in a base.
- 30 8. A formulation as claimed in any one of claims 1 to 7 in which the dosage is provided as a unit dose in a sachet, for addition to water immediately prior to use, or, for oral administration to paediatric patients, adapted for reconstitution into a multiple dose aqueous suspension.
- 35 9. A formulation as claimed in any one of claims 1 to 8 which comprises amoxycillin and clavulanate in a weight ratio which is 4:1, 7:1, 8:1, or 14:1.

10. A formulation as claimed in any one of claims 1 to 9 which comprises granules of amoxycillin and/or amoxycillin and potassium clavulanate.

11. A formulation as claimed in claim 10 which comprises granules of amoxycillin and potassium clavulanate in a 2:1 weight ratio and granules of amoxycillin, to make up the overall ratio of amoxycillin : potassium clavulanate.

12. A formulation as claimed in claim 11 in which the granules of amoxycillin and potassium clavulanate comprise silica gel present in from 5 to 15wt% of potassium clavulanate.

13. A formulation as claimed in claim 12 in which the granules of amoxycillin and potassium clavulanate comprise CLPVP present in from 0.5 to 5wt% of amoxycillin trihydrate.

14. A formulation as claimed in any one of claims 10 to 13 which comprises as extra-granular excipients silica gel (to give an overall total of from 5 to 15, preferably 8 to 12% by weight of the formulation), carboxymethylcellulose sodium salt (present in from 3 to 6% by weight of the formulation), xanthan gum (present in from 0.2 to 1% by weight of the formulation), sodium benzoate, colloidal silica and magnesium stearate and a sweetening agent, preferably aspartame.

15. A formulation as claimed in any one of the preceding claims, having:

25 (a) a 8:1 ratio of amoxycillin : clavulanate which has the following composition:

Amoxycillin trihydrate 100% of theory	3443.22 mg
(equivalent to 3000mg Amoxycillin 100%)	
Potassium Clavulanate 100% of theory	446.79
(equivalent to 375mg Clavulanic acid 100%)	
30 CLPVP (intra-granular)	103.29
Silica gel <sup>1</sup> (intra-granular)	44.68
Silica gel <sup>1</sup> (extra-granular)	500.00
Xanthan gum	25.20
Carboxymethylcellulose sodium salt	250.00
35 Sodium benzoate	51.00
Hydrophobic colloidal silica	15.00
Aspartame	96.00
Magnesium stearate	10.00

Creamy strawberry flavour <sup>2</sup>	150.00
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Total weight	5135.50 mg
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5 or

(b) a 7:1 ratio of amoxycillin : clavulanate which has the following composition:

Amoxycillin trihydrate 100% of theory (equivalent to 400 mg Amoxycillin 100%)	472.81 mg
10 Potassium Clavulanate 100% of theory (equivalent to 60 mg Clavulanic acid 100%)	71.51 mg
CLPVP (intra-granular)	14.18
Silica gel <sup>1</sup> (intra-granular)	7.151
Silica gel <sup>1</sup> (extra-granular)	86.66
15 Xanthan gum	4.42
Carboxymethylcellulose sodium salt	43.42
Sodium benzoate	51.00
Hydrophobic colloidal silica	2.60
Aspartame	16.64
20 Magnesium stearate	1.73
Creamy strawberry flavour <sup>2</sup>	26.00
 Total weight (5 ml)	 798.121 mg